

## Adenostemmoic acid E

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See *Kauran-18-oic acid*, 9,11,16,17-tetrahydroxy-15-oxo-, (4 $\alpha$ ,11 $\beta$ ,16 $\alpha$ )- [130217-22-0]

## Adenostemmoic acid F

See *Kauran-18-oic acid*, 11,16-epoxy-9,15-dihydroxy-, (4 $\alpha$ ,11 $\beta$ ,15 $\beta$ ,16 $\alpha$ )- [130217-24-2]

## Adenostemmoic acid G

See *Kauran-18-oic acid*, 11,16-epoxy-15,17-dihydroxy-, (4 $\alpha$ ,11 $\beta$ ,15 $\beta$ ,16 $\alpha$ )- [130217-26-4]

## Adenostemmoside A

See *Kaur-16-en-18-oic acid*, 15-(acetyloxy)-11-hydroxy-,  $\beta$ -D-glucopyranosyl ester, (4 $\alpha$ ,11 $\beta$ ,15 $\beta$ )- [130217-15-1]

## Adenostemmoside B

See *Kaur-16-en-18-oic acid*, 9,11-dihydroxy-15-oxo-,  $\beta$ -D-glucopyranosyl ester, (4 $\alpha$ ,11 $\beta$ )- [130217-17-3]

## Adenostemmoside C

See *Kauran-18-oic acid*, 11,15,16,17-tetrahydroxy-,  $\beta$ -D-glucopyranosyl ester, (4 $\alpha$ ,11 $\beta$ ,15 $\beta$ ,16 $\alpha$ )- [130217-19-5]

## Adenostemmoside D

See *Kauran-18-oic acid*, 11,16,17-trihydroxy-15-oxo-,  $\beta$ -D-glucopyranosyl ester, (4 $\alpha$ ,11 $\beta$ ,16 $\alpha$ )- [130217-21-9]

## Adenostemmoside E

See *Kauran-18-oic acid*, 9,11,16,17-tetrahydroxy-15-oxo-,  $\beta$ -D-glucopyranosyl ester, (4 $\alpha$ ,11 $\beta$ ,16 $\alpha$ )- [130217-23-1]

## Adenostemmoside F

See *Kauran-18-oic acid*, 11,16-epoxy-9,15-dihydroxy-,  $\beta$ -D-glucopyranosyl ester, (4 $\alpha$ ,11 $\beta$ ,15 $\beta$ ,16 $\alpha$ )- [130217-25-3]

## Adenostemmoside G

See *Kauran-18-oic acid*, 11,16-epoxy-15,17-dihydroxy-,  $\beta$ -D-glucopyranosyl ester, (4 $\alpha$ ,11 $\beta$ ,15 $\beta$ ,16 $\alpha$ )- [130217-27-5]

## Adenostin A

See *Naphtho[2,3-b]furan-9-ol*, 5,6,7,8-tetrahydro-3,4,5-trimethyl-2-[(5S)-5,6,7,8-tetrahydro-9-hydroxy-3,5-dimethylnaphtho[2,3-b]furan-4-yl)methyl]-, (5S)- [100853-39-2]

## Adenostin B

See *Furo[2',3':2,3]naphtho[1,8-bc]naphtho[2',3':4,5]furo[2,3-e]pyran-9-ol*, 5,6,7,8,9,10,11,12,13,14b-decahydro-3,4,5,13,14,14b-hexamethyl- [100853-41-6]

## Adenostylide

See *Naphtho[2,3-b]furan-2(4H)-one*, 5,6,7,8-tetrahydro-4,9-dihydroxy-3,4,5-trimethyl- [100853-42-7]

## Adenostylol

See *Naphtho[2,3-b]furan-3-methanol*, 5,6,7,8-tetrahydro-9-hydroxy-4,5-dimethyl-,  $\alpha$ -acetate, (5S)- [100853-40-5]

## Adenostylone

(-)- see *Propanoic acid*, 2-methyl-, (4S,4aR,5S)-4,4a,5,6,7,9-hexahydro-3,4a,5-trimethyl-9-oxonaphtho[2,3-b]furan-4-yl ester [18883-09-5]

## S-Adenosylmethionine cleavage enzyme

See *Cyclotransferase*, adenosylmethionine [9030-34-6]

## S-Adenosylmethionine-homocysteine transmethyle

See *Methyltransferase*, homocysteine [9012-40-2]

## S-Adenosylmethionine-methionine methyltransferase

See *Methyltransferase*, methionine S- [9027-77-4]

## Adenosylmethionine synthetase

See *Adenosyltransferase*, methionine [9012-52-6]

## Adenoviridae

## Adenox

See *9H-Purine-9-acetaldehyde*, 6-amino- $\alpha$ -[(R)-1-formyl-2-hydroxyethoxy]-, ( $\alpha$ R)- [39798-19-1]

Adenylate cyclase-inhibiting proteins G<sub>i</sub>

See *G proteins*, (guanine nucleotide-binding proteins), G<sub>i</sub> (adenylate cyclase-inhibiting)

Adenylate cyclase-stimulating proteins G<sub>s</sub>

See *G proteins*, (guanine nucleotide-binding proteins), G<sub>s</sub> (adenylate cyclase-stimulating)

## Adenylcobamide coenzyme

See *Cobinamide*, Co-(5'-deoxyadenosin-5'-yl)-, f-(dihydrogen phosphate), inner salt, 3'-ester with (9- $\alpha$ -D-ribofuranosyl)-9H-purin-6-amine- $\kappa$ N<sup>7</sup>) [13497-87-5]

## Adenyl cyclase

See *Cyclase*, adenylate [9012-42-4]

## 5'-Adenylic acid [61-19-8]

Studies of unspecified adenylic acids are also indexed at this heading

## 5'-Adenylic acid, anhydrides

anhydride with L-threonine — see *L-Threonine*, anhydrides, monoanhydride with 5'-adenylic acid [6809-53-6]

## Adenylic kinase

See *Kinase* (phosphorylating), adenylate [9013-02-9]

## Adenylic pyrophosphorylase

See *Phosphoribosyltransferase*, adenine [9027-80-9]

## Adenylosuccinase

See *Lyase*, adenylosuccinate [9027-81-0]

## Adenylosuccinic acid

See *L-Aspartic acid*, N-[9-(5-O-phosphono- $\beta$ -D-ribofuranosyl)-9H-purin-6-yl]- [19046-78-7]

## Adenylpyrophosphoric acid

See *Adenosine 5'-(tetrahydrogen triphosphate)* [56-65-5]

## Adenyltransferase

See *Adenyltransferase* [9027-82-1]

## Adenylcarbonate pyrophosphorylase

See *Adenyltransferase*, carbonate [9027-83-2]

## 5'-Adenyl sulfate

See *5'-Adenylic acid*, anhydrides, monoanhydride with sulfuric acid [485-84-7]

## Adenylsulfate kinase

See *Kinase* (phosphorylating), adenylsulfate [9012-38-8]

## 5'-Adenyl sulfate 3'-phosphate

See *3'-Adenylic acid*, 5'-(dihydrogen phosphate), 5'-anhydride with sulfuric acid [482-67-7]

## Adenylsulfate pyrophosphorylase

See *Adenyltransferase*, sulfate [9012-39-9]

## Adepal

See *18,19-Dinorpregn-4-en-20-yn-3-one*, 13-ethyl-17-hydroxy-, (17 $\alpha$ )-, mixt. with (17 $\alpha$ )-19-norpregn-1,3,5(10)-trien-20-yn-3,17-diol [39366-37-5]

## Adepren

See *4(1H)-Quinolinimine*, 1-methyl-, monohydriodide [24667-93-4]

## ADEPT (therapy)

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See *Chemotherapy*, antibody-directed enzyme

## Adequan

See *Glycosaminoglycans*, sulfated

## Adermine

See *Vitamin B<sub>6</sub>* [8059-24-3]

## —, 4-deoxy-

See *3-Pyridinemethanol*, 5-hydroxy-4,6-dimethyl- [61-67-6]

## Aderoxin

See *3,4-Pyridinedimethanol*, 5-hydroxy-6-methyl-, hydrochloride [58-56-0]

## Adestan G 100

See *1H-Imidazole*, 1-[2-(2,4-dichlorophenyl)-2-[(2,6-dichlorophenyl)methoxy]ethyl]-, mononitrate [24168-96-5]

## Adetphos

See *Adenosine 5'-(tetrahydrogen triphosphate)*, compounds, disodium salt [987-65-5]

## Adeturon

See *Adenosine 5'-(tetrahydrogen triphosphate)*, compounds, compd. with 2-aminoethyl carbamimidothioate (1:1) [63346-83-8]

## Adeva 629

See *Acetic acid ethenyl ester*, polymers, polymer with ethene [24937-78-8]

## Adevetin No

See *9,10-Secocholesta-5,7,10(19)-trien-3-ol*, (3 $\beta$ ,5Z,7E)-, mixt. with (2R)-3,4-dihydro-2,5,7,8-tetramethyl-2-[(4R,8R)-4,8,12-trimethyltridecyl]-2H-1-benzopyran-6-yl acetate and retinol hexadecanoate [79894-97-6]

## Adflex 7029

See *1-Propene*, polymers, polymer with ethene [9010-79-1]

## Adflex LD 2500FA

See *Ethene*, polymers, homopolymer [9002-88-4]

## Adflex Q 100F

See *1-Propene*, polymers, polymer with ethene [9010-79-1]

## Adflex 7036XCT

See *Ethylene-propylene rubber*

## Adflex X 100G

See *1-Propene*, polymers, polymer with ethene [9010-79-1]

## ADG 21

See *2-Propenenitrile*, polymers, polymer with 1,3-butadiene and ethenylbenzene [9003-56-9]

## ADH (enzyme)

See *Dehydrogenase*, alcohol [9031-72-5]

## ADH (hormone)

See *Vasopressin* [11000-17-2]

## Adhatoda vasica

See *Malabar nut* (*Justicia adhatoda*)

## Adhatodine

See *Benzoic acid*, 2-(methyldamino)-5-(1,2,3,9-tetrahydropyrrolo[2,1-b]quinazolin-3-yl)-, methyl ester [33903-14-9]

## Adhavasine

See *Pyrrolo[2,1-b]quinazolin-9(1H)-one*, 2,3-dihydro-3-quinazolin-5-methoxy- [107783-56-2]

## Adherence

See *Adhesion*, physical

## Adher RF

See *Formaldehyde*, polymers, polymer with 1,3-benzenediol [24969-11-7]

## Adher RF 438

See *Formaldehyde*, polymers, polymer with 1,3-benzenediol [24969-11-7]

## Adhesins

See also related: *Cell adhesion*

## Adhesion, biological

See also narrower: *Cell adhesion*

## Adhesion, physical

See also related:

*Adhesion promoters*  
*Adhesive bonding*  
*Adhesives*  
*Attractive force*  
*Cohesion*  
*Contamination (electronics)*  
*Sealing*  
*Surface*  
*Tackiness*  
*Work of adhesion*

## Adhesion (biological)

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See *Adhesion*, biological

## Adhesion (physical)

Valid heading during volumes 126-130 (1997-June 1999) only

See *Adhesion*, physical

## Adhesional work

See *Work of adhesion*

## Adhesion promoters

See also related:  
*Adhesion*, physical  
*Coupling agents*

## Adhesive bonding

See also related:  
*Adhesion*, physical  
*Adhesives*  
*Lamination*

## Adhesive factors

See *Proteins*, specific or class, adhesive

## Adhesive films

See also related: *Adhesives*

## Adhesive force

See *Adhesion*, physical

## Adhesive joints

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See *Joints*, mechanical, adhesive

## Adhesive proteins

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See *Proteins*, specific or class, adhesive

## Adhesives

See also narrower:

*Adhesion promoters*  
*Glues*  
*Mastics*

See also related:

*Adhesion*, physical  
*Adhesive bonding*  
*Adhesive films*  
*Adhesive tapes*  
*Binders*  
*Fasteners*  
*Grout*  
*Gums and Mucilages*  
*Joining*  
*Joints*, mechanical  
*Pastes*  
*Sealing compositions*  
*Stamps (seals)*

## Adhesive sheets

See *Adhesive films*

## Adhesive tapes

See also related:

*Adhesives*  
*Bands and Ribbons*

## Adhumulone

See

*2,4-Cyclohexadien-1-one*, 3,5,6-trihydroxy-2,6-bis(3-methyl-2-butenyl)-4-(2-methyl-1-oxobutyl)- [31769-65-0]  
*2,4-Cyclohexadien-1-one*, 3,5,6-trihydroxy-4,6-bis(3-methyl-2-butenyl)-2-(2-methyl-1-oxobutyl)- [142628-21-5]  
*4-Cyclohexene-1,3-dione*, 2,5-dihydroxy-2,6-bis(3-methyl-2-butenyl)-4-(2-methyl-1-oxobutyl)- [28374-89-2]  
*4-Cyclohexene-1,3-dione*, 5,6-dihydroxy-2,6-bis(3-methyl-2-butenyl)-4-(2-methyl-1-oxobutyl)- [71800-99-2]

## Adhyperforin

See *Bicyclo[3.3.1]non-3-ene-2,9-dione*, 4-hydroxy-6-methyl-1,3,7-tris(3-methyl-2-butenyl)-5-(2-methyl-1-oxobutyl)-6-(4-methyl-3-pentenyl)-, (1R,5S,6R,7S)- [143183-63-5]

## AD I

See *2-Butenoic acid*, 2-methyl-, 7,8-dihydro-8,8-dimethyl-6-(3-methyl-1-oxobutoxy)-2-oxo-2H,6H-benzol[1,2-b:5,4-b']dipyran-7-yl ester [26140-55-6]

## Adiabatic compressibility

See also related: *Isentropic compressibility*

## Adiabatic heating

Valid heading during volumes 126-130 (1997-June 1999) only

See *Heating*, adiabatic

## Adiabatic potential

See also related:

*Electronic transition*  
*Jahn-Teller effect*  
*Nonradiative transition*  
*Potential barrier*  
*Protonation kinetics*  
*Proton transfer*  
*Radiative transition*  
*Tunneling*  
*Vibronic coupling*  
*Vibronic transition*

## Adian-5-ene

See *A'-Neo-25,26,28-trinorgammacer-5-ene*, 9,13,17-trimethyl-, (8 $\beta$ ,9 $\alpha$ ,10 $\alpha$ ,13 $\beta$ ,14 $\alpha$ ,17 $\alpha$ ,18 $\beta$ )- [1615-95-8]

## Adiantane

See *A'-Neo-30-norgammacerane* [36728-72-0]

## Adiantifoline

See *4H-Dibenzo[de,g]quinoline*, 9-[4,5-dimethoxy-2-[(1S)-1,2,3,4-tetrahydro-6,7-dimethoxy-2-methyl-1-isoquinolinyl)methyl]phenoxy]-5,6,6a,7-tetrahydro-1,2,3,10-tetramethoxy-6-methyl-, (6aS)- [20823-96-5]

## Adiantone

See *A'-Neo-30-norgammaceran-22-one* [1253-69-6]

## Adiantutirucallene A

See *17,24-Cyclolanost-20(22)-ene*, (13 $\alpha$ ,14 $\beta$ ,17 $\alpha$ ,24S)- [192515-08-5]

## Adibendan

See *Pyrrolo[2,3-f]benzimidazol-6(1H)-one*, 5,7-dihydro-7,7-dimethyl-2-(4-pyridinyl)- [100510-33-6]

## Adicardin

See *2H-1-Benzopyran-2-one*, 7-[(6-O-D-apio- $\beta$ -D-furanosyl- $\beta$ -D-glucopyranosyl)oxy]- [103529-94-8]

## Adicin

See *Card-20(22)-enolide*, 3-[(O-3-O-acetyl-2,6-dideoxy- $\beta$ -D-ribo-hexopyranosyl-(1 $\rightarrow$ 4)-O-2,6-dideoxy- $\beta$ -D-ribo-hexopyranosyl-(1 $\rightarrow$ 4)-2,6-dideoxy- $\beta</$